

**Notice of Allowability**

Application No.

09/660,709

Examiner

Toan D. Nguyen

Applicant(s)

SPEARMAN ET AL.

Art Unit

2665

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/18/04.
2. ☒ The allowed claim(s) is/are 1-13, 15-33 are renumbered 1-32, respectively.
3. ☒ The drawings filed on 24 July 2002 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 10/18/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

## **DETAILED ACTION**

### ***Information Disclosure Statement***

1. The information disclosure statement (IDS) submitted on 10/18/04 was filed after the mailing date of the Notice of Allowance on 7/26/04. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

### ***Allowable Subject Matter***

2. The following is an examiner's statement of reasons for allowance:

Regarding to claim 1, the prior art fails to teach a combination of the steps of:  
an operating system, the operating system operably configured in the chassis to control the at least one network card, the at least one wireless card and the at least one processor, which are operatively coupled with the chassis; and

an authenticator in operative communication with the operating system to allow authentication at the wireless provisioning device; whereby the user of a mobile computing device connects to the wireless provisioning device without having to access the internet, in the specific combination as recited in the claim.

Regarding to claim 7, the prior art fails to teach a combination of the steps of:  
a LINUX operating system, the operating system operably configured in the chassis to control the at least one network card, the at least one wireless card and the at least one processor, which are operatively coupled with the chassis, in the specific combination as recited in the claim.

Regarding to claims 10 and 21, the prior art fails to teach a combination of the steps of:

at least one wireless provisioning device for receiving, authenticating, transmitting, and directing data over a plurality of networks and capable of sustaining connectivity between the wireless access points and the wireless provisioning device, the wireless provisioning device comprising a chassis, at least one network card, at least one wireless card, at least one processor, and at least one operating system operably configured in the chassis and associated with at least one of the plurality of wireless access points for transmitting and receiving data between the wireless access point and a carrier structure and where the wireless provisioning device is capable of accommodating multiple connections back to the wireless access point without requiring rebooting before a new roaming member can be added to the system, in the specific combination as recited in the claims.

Regarding to claims 11 and 19, the prior art fails to teach a combination of the steps of:

at least one wireless provisioning device for receiving, authenticating, transmitting, and directing data over a plurality of networks and capable of sustaining connectivity between the wireless access points and the wireless provisioning device, the wireless provisioning device comprising a chassis, at least one network card, at least one wireless card, at least one processor, and at least one operating system operably configured in the chassis and associated with at least one of the plurality of wireless access points for transmitting and receiving data between the wireless access

point and a carrier structure and where the wireless provisioning device is capable of accommodating multiple connections back to the wireless access point without requiring rebooting before a new roaming member can be added to the system, the wireless provisioning device further comprises a directory services member operatively connected to the operating system thereof, which is suitable for maintaining a database directory that stores MAC addresses and billing profiles for those in the system, in the specific combination as recited in the claims.

Regarding to claim 23, the prior art fails to teach a combination of the steps of: at least one wireless provisioning device for receiving, authenticating, transmitting, and directing data over a plurality of networks and capable of sustaining connectivity between the wireless access points and the wireless provisioning device, the wireless provisioning device comprising a chassis, at least one network card, at least one wireless card, at least one processor, and at least one operating system operably configured in the chassis and associated with at least one of the plurality of wireless access points for transmitting and receiving data between the wireless access point and a carrier structure and where the wireless provisioning device is capable of accommodating multiple connections back to the wireless access point without requiring rebooting before a new roaming member can be added to the system, the wireless provisioning device further comprises a directory services member operatively connected to the operating system thereof, which is suitable for maintaining a database directory that stores MAC addresses and billing profiles for those in the system, in the specific combination as recited in the claim.

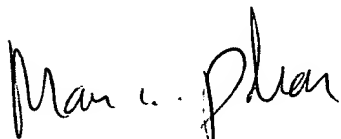
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Toan D. Nguyen whose telephone number is 571-272-3153. The examiner can normally be reached on M-F (7:00AM-4:30PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Huy Vu can be reached on 571-272-3155. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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**MAN U. PHAN**  
**PRIMARY EXAMINER**